

EXHIBIT I

3-YEAR ASBESTOS RE-INSPECTION REPORT

ROBERT MORRIS ELEMENTARY SCHOOL SCRANTON, PA

prepared for:

**SCRANTON SCHOOL DISTRICT
425 North Washington Avenue
Scranton, Pa. 18505**

CONSULTANTS:

Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

PROJECT: #SSD.19_751

Updated:

August 2019

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ASBESTOS INSPECTION

For the property known as:

ROBERT MORRIS ELEMENTARY SCHOOL

SECTION 1 EXECUTIVE SUMMARY

An Asbestos Materials Re-inspection Survey was conducted on August 6, 2019 at the above-listed location. The purpose of the survey was to visually locate, identify, and assess asbestos-containing building materials. The survey was conducted by Certified Asbestos Inspectors, Chris Notari (DLI Asbestos Inspector Certification #027028) and Brent Tripp (DLI Asbestos Inspector Certification #053975).

All accessible rooms and areas of the building were entered for inspection of suspected asbestos materials. Suspected asbestos materials not previously sampled were sampled (if applicable) and sent to a laboratory for analyses to confirm or negate the suspicion of asbestos content. Other suspect materials were assumed to contain asbestos.

The results are summarized as follows:

A. Asbestos-containing Materials

1. All confirmed or assumed (roofing materials, chalkboard mastic, etc.) asbestos-containing materials are listed in Appendix A. Materials that were tested and found not to contain asbestos are also listed in Section 6.
2. Recommendations

Recommendations are given in relation to renovation maintenance and demolition activities for the school building in Section 7.

SECTION 2 INTRODUCTION

An Asbestos Materials Inspection of the Robert Morris Elementary School was performed at the request Scranton School District, Scranton, PA. The purpose of the inspection was to determine the types, quantities, and conditions of confirmed or assumed asbestos-containing materials, if not previously tested.

Once suspected asbestos materials were identified, they were sampled to verify or negate the suspicion of asbestos content (roofs were not tested and were assumed to contain asbestos). All materials sampled were analyzed via EPA Method 600/R-93/116 utilizing Polarized Light Microscopy by *EMSL Analytical, Inc., a NVLAP- accredited laboratory.*

The friability of these materials was also determined. Friable materials, such as cementitious pipe insulation, are those that can be crumbled, pulverized, or reduced to powder by hand or finger pressure. Non-friable materials, such as floor tiles in good condition, are those that cannot be crumbled, pulverized, or reduced to powder by hand or finger pressure. It is possible for normally non-friable materials to be considered as friable if they are in poor or damaged condition or will be rendered friable by construction or other activities, such as drilling, sanding, crushing by heavy equipment, etc.

The Initial Asbestos Hazard Emergency Response Act (AHERA) Building Inspection Report and Management Plan which was prepared and filed in accordance with the United States Environmental Protection Agency's (EPA) Regulation 40 CFR Part 763, Subpart E – Asbestos-Containing Materials in Schools is on file and available for review at the Scranton School District Administration Offices and Robert Morris School Administration Office.

SECTION 3 BUILDING DISCRIPTION

Robert Morris Elementary School, located at 1824 Boulevard Avenue, Scranton, PA is a steel and masonry building constructed in 1966. The building consists of a basement and two (2) floors, and contains approximately 33,780 square feet of floor area.

SECTION 4 METHODS

Prior to re-inspection the following documents were reviewed by Guzek Associates, Inc.

1. Original inspection report
2. 2016 3-Year Re-inspection Report
3. AHERA 6-month Periodic Surveillance Inspection Reports

Upon completion of reviewing the above referenced documentation, Guzek Associates, Inc. conducted a room-by-room and area-by-area inspection of the building to verify the locations of Asbestos Containing Materials listed in the above documents and to determined the conditions (Good, Damaged, or Significantly Damaged) of these materials. In addition, suspect materials not listed in the above documents were identified and either assumed to contain asbestos or collected and analyzed to determined asbestos content.

The asbestos inspection survey was conducted by inspectors qualified by experience, education, and training in the recognition of suspected asbestos-containing materials. Sampling was limited to only areas that were easily accessible (above ceiling tiles, operable hatches, and open areas.) No walls, chases or ceilings, etc. were penetrated during this inspection.

For those materials analyzed for asbestos content during this inspection, representative samples of "suspected" asbestos-containing materials were collected utilizing approved federal and state methods.

All Samples collected were analyzed by EMSL Analytical, Inc., Cinnaminson, NJ. Using EPA 600/R-93/116 Method using Polarized Light Microscopy

SECTION 5 REINSPECTION FINDINGS

The attached inspection forms in Appendix A indicate both the locations and assessed conditions of confirmed or assumed asbestos containing materials as identified in the building by the 2019 Re-inspection conducted by Guzek Associates, Inc.

The Scranton School District intends to continue implementation of the Operations & Maintenance Program recommendations as contained in the original AHERA Management Plan and to maintain its stringent occupational and environmental protection standards for the on-going control of the identified ACBM's within the building.

SECTION 6 INSPECTION RESULTS

A. Asbestos-containing Materials

Appendix A contains a list and drawings of all confirmed and assumed asbestos-containing materials identified in the 3-year re-inspection report for Robert Morris Elementary School conducted by Guzek Associates, Inc.. This table also includes locations and condition assessments (Good, Damaged, or Significantly Damaged).

Finally all Chain of Custody and Analytical Laboratory Reports for the 2016 3-Year Re-inspection Report is included in Appendix B.

Note: In addition to those materials listed in the Homogeneous Sampling Chart in Appendix A, the following suspected asbestos-containing materials may be present:

1. Pipe and/or pipe fitting insulation (friable materials) in wall cavities in the vicinities of bathroom and shower fixtures, sinks, and drinking water fountains – no access at time of inspection.
2. Glue pucks behind chalkboards (Category 1 non-friable material) – no access at time of inspection.
3. Fire Doors
4. Roofing Materials (including Flashing and Tar)
5. Electric wiring insulation may be present

Materials That Were Tested and Found Not to Contain Asbestos

- All layers of hard wall and ceiling plasters (This does not include acoustical plaster ceiling found in the Library and Medical Room storage room.)
- All sheetrock and joint compound
- All ceiling tile (Previously tested by others)
- Wall parging
- Boiler & Meter Room ceiling
- Mastic on fiberglass ends
- Burlap wall paper
- Floor Tile Mastic

SECTION 7 RECOMMENDATIONS

- A. Any Materials listed as Presumed Asbestos Containing Materials (PACM) in Appendix A shall either be assumed to contain asbestos or should be analyzed prior to disturbance to determine asbestos content at time of disturbance
- B. All Asbestos Containing Materials in the building that are to remain in place shall be treated according to Operation and Maintenance (O&M) procedures for each specific material and as listed in the O&M plan for the Robert Morris Elementary School.
- C. All Presumed or Confirmed Asbestos Containing Materials that will be potentially damaged by any activity (renovation, demolition, maintenance, etc.) shall be:
 - 1. Removed by a Pennsylvania Department of Labor and Industry (PaDLI) Certified asbestos abatement contractor prior to renovation. Final clearance air monitoring should be performed by an independent third party contracted to the school district.

Or

- 2. The Activity that will potentially disturb Asbestos Containing Materials shall be designed to avoid said disturbance.

SECTION 8 ASBESTOS INSPECTOR ACCREDITATION

Certified PA Asbestos Inspectors, Chris Notari (DLI Asbestos Inspector Certification #027028) and Brent Tripp (DLI Asbestos Inspector Certification #053975). Copies of their certificates are included in this report on the following pages.

Certificate of Completion

awarded to

Brent M. Tripp

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course

under TSCA Title II

presented by

ACCESS TRAINING SERVICES, INC.

7921 River Road, Pennsauken, NJ 08110

(856) 665-3449

7/11/19

Course Date

N/A

Exam Date

7/11/20

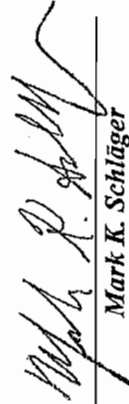
Expiration Date

Not Provided

Social Security Number

ACC-0719-6-006

Certificate Number


Mark K. Schlager
Training Director

Certificate of Completion

awarded to

Chris Notari

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course under TSCA Title II

presented by
ACCESS TRAINING SERVICES, INC.
7921 River Road, Pennsauken, NJ 08110
(856) 665-3449

7/11/19

Course Date

N/A

Exam Date

7/11/20

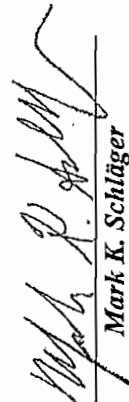
Expiration Date

Not Provided

Social Security Number

ACC-0719-6-005

Certificate Number


Mark K. Schlager
Training Director

APPENDIX A

REINSPECTION FINDINGS:

HOMOGENEOUS SAMPLING CHART

RESPONSE ACTION BASED ON HAZARD RANK

ASBESTOS CONTAINING BUILDING MATERIAL (ACBM) LOCATION DRAWINGS

Guzeck Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 1 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|--|---|-------------------|---------------------|-------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| Basement, Maintenance (Formerly Library) | 12"x12" Floor Tile (Approx. 1,113 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor Tile appears newer, Floor Tile should be testing prior to disturbance. |
| | Fittings (Indeterminate) Under Sink & above ceiling | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Fittings assumed to be above ceiling |
| Basement, Storage Room "A" | Fittings (Approx. 10 - 12 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Restroom (next to Meter Room) | 9"x9" Floor Tile (Approx. 60 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Some minor chipping and cracking |
| Basement, Boiler Room | Breeching & Duct Gaskets (Approx. 500 - 600 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |
| | Boiler Gaskets | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| | Fittings (Approx. 4 - 6 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 5 | 3 | - Remove |
| Basement, Main Entrance Steps | Linoleum on Steps (Approx. 120 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Restroom (in former teachers lounge) | 9"x9" Floor Tile (Approx. 80 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | - Some tiles are popping and becoming loose |
| Basement, IST Room | Fittings (Approx. 5 - 8 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | N/A | N/A | N/A | - Removed - No Documentation was provided by the District |
| Basement, Crawl Space No. 1 | Fittings (Approx. 12 - 15 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Cold Lunch Room | Fittings (Approx. 5 - 8 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

Building Inspector's Certification No.: 027028-PA and 053975-PA

Assessment: G = Good, D = Damaged, SD = Significantly Damaged

AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 2 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|--|--|-------------------------|---------------------------|-------------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| Basement, Cold Lunch Room | 12"x12" Floor Tile (Approx. 1,349 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Closet No. 2 | 9"x9" Floor Tile (Approx. 77 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Cold Lunch Storage (Formerly Maintenance) | Fittings /Pipe Insulation (Approx. 5 - 8 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Music Room | Fittings /Pipe Insulation (Approx. 8 - 10 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Crawl Space No. 2 | Fittings /Pipe Insulation (Approx. 8 - 10 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Basement, Main Hallway | 9"x9" & 12"x12" Floor Tile (Approx. 500 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove/Replace broken or missing floor tiles and mastic - Some 12"x12" Floor Tile appears newer, floor tile should be testing prior to disturbance. |
| 1st Floor, Multipurpose Room | 9"x9" Floor Tile (Approx. 2,069 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 3 | 5 | - Remove/Replace broken or missing floor tiles |
| | Linoleum on Steps (Block) (Approx. 150 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| 1st Floor, Room 101 | 9"x9" Floor Tile (Approx. 670 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 1st Floor, Room 102 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |
| 1st Floor, Janitor's Closet No. 1 | 9"x9" Floor Tile (Approx. 60 SQ. FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |

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Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Robert Morris Elementary School

Dates of Original AHERA Inspection: July, 1988

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| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|---|---|-------------------------|---------------------------|-------------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| 1st Floor, Boy's Restroom Chase | Fittings (Approx. 8 - 10 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |
| 1st Floor, Room 103 | Fittings (Under Sink) (Approx. 2 - 4 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" & 12"x12" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove/Replace broken or missing floor tiles |
| 1st Floor, Room 104 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 678 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 1st Floor, Principle's and Secretaries Office | 12"x12" Floor Tile (Approx. 90 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| 1st Floor, Room 105 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 5 | 3 | - Remove, Fittings have high potential for disturbance |
| 1st Floor, Room 106 Music Room | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 660 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 1st Floor, Janitor's Closet No. 2 | 9"x9" Floor Tile (Approx. 30 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | - Remove |
| 1st Floor, Room 107 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| 1st Floor, Room 108 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Building Inspector's Certification No.: 027028-PA and 053975-PA

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Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 4 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|---------------------------------------|---|-------------------------|---------------------------|-------------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| 1st Floor, Girl's Restroom Chase | Fittings /Pipe Insulation (Undetermined) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 5 | 3 | - Remove |
| | 12"x12" Floor Tile (Approx. 200 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| 1st Floor, Library | Acoustical Plaster (Approx. 537 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | N/A | N/A | N/A | - Removed in 2017, No documentation was provided by from District |
| 1st Floor, Main Hallway and Closet | 9"x9" & 12"x12" Floor Tile (Approx. 1,500 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove/Replace broken or missing floor tiles. - 3 damaged floor tiles outside room 106, 4 damaged floor tiles at water cooler, and 5 cracked floor tiles outside library |
| | 9"x9" & 12"x12" Floor Tile (Approx. 300 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| 1st Floor, Stairwell No. 1 | Linoleum on Steps (Approx. 120 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| | 9"x9" & 12"x12" Floor Tile and Linoleum (Approx. 400 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| Main Entrance Stairwell | 9"x9" & 12"x12" Floor Tile (Approx. 60 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | |
| 1st Floor, Stairwell No. 2 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| 2nd Floor, Room 201 | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Building Inspector's Certification No.: 027028-PA and 053975-PA

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Assessment: G = Good, D = Damaged, SD = Significantly Damaged

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Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 5 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|---|--|-------------------------|---------------------------|-------------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| 2nd Floor, Room 202 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | N/A | N/A | N/A | - Removed in 2017, No documentation was provided by from District |
| | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 203 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | N/A | N/A | N/A | - Removed in 2017, No documentation was provided by from District |
| | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 204 | Fittings (Under Sink) (Approx. 1 Fitting) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 205 | Fittings (Under Sink) (Approx. 1 Fitting) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 206 | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Fitting jackets are opened up - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 675 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Girl's Restroom Chase (next to room 203) | Fittings /Pipe Insulation (Indeterminate) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Loose debris on floor |
| | Fittings (Approx. 4 - 6 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Loose debris on floor |
| 2nd Floor, Boy's Restroom Chase (next to room 202) | Fittings (Approx. 4 - 6 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Loose debris on floor |
| | 9"x9" Floor Tile (Approx. 60 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

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Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 6 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|-----------------------------------|---|-------------------|---------------------|-------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| 2nd Floor, Janitor's Closet No. 2 | 9"x9" Floor Tile (Approx. 60 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove |
| | 9"x9" Floor Tile (Approx. 301 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet in Reading Skills and Speech Therapy Rooms |
| | 12"x12" Floor Tile Orange & Green (Approx. 294 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor Tile appears newer, Floor Tile should be testing prior to disturbance. |
| 2nd Floor, Room 207 | Acoustical Plaster (Approx. 200 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | - Wood panel nailed to acoustical plaster |
| | Fittings (Under Sink) (Approx. 3 - 4 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 856 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 208 | Fittings (Under Sink) (Approx. 6 - 8 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 856 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | - Remove, Fittings have high potential for disturbance |
| 2nd Floor, Room 209 | 9"x9" Floor Tile (Approx. 856 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove, Fittings have high potential for disturbance |
| 2nd Floor, Room 210 | 9"x9" Floor Tile (Approx. 856 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 5 | 3 | - Floor tile under carpet |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove, Fittings have high potential for disturbance |
| | Fittings (Under Sink) (Approx. 1 - 3 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Remove, Fittings have high potential for disturbance |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

Building Inspector's Certification No.: 027028-PA and 053975-PA

Assessment: G = Good, D = Damaged, SD = Significantly Damaged

AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 7 of 8

| HOMOGENEOUS SAMPLING MATERIAL | | MATERIAL CATEGORY | ASBESTOS CONTENT | FRIABILITY | AHERA ASSESSMENT | AHERA HAZARD | AHERA REMOVAL PRIORITY | NOTES |
|--|---|-------------------------|---------------------------|-------------------|------------------|--------------|------------------------|--|
| MATERIAL LOCATION | MATERIAL DESCRIPTION | | | | | | | |
| 2nd Floor, Room 211 | Fittings (Under Sink) (Approx. 3 - 4 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 6 | 2 | - Remove, Fittings have high potential for disturbance |
| | 9"x9" Floor Tile (Approx. 856 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 212 Copy Room / Teachers Lounge | 9"x9" Floor Tile (Approx. 220 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | 9"x9" Floor Tile (Approx. 220 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| 2nd Floor, Room 213 PSSA Room | 9"x9" Floor Tile (Approx. 220 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Floor tile under carpet |
| | Fittings /Pipe Insulation (Approx. 10 - 12 Fittings) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - Fittings found above ceiling tile - 1 fitting above ceiling tile outside Room 209 is significantly damaged with loose debris on top of ceiling tile |
| 2nd Floor, Main Hallway and Closets | 9"x9" & 12"x12" Floor Tile (Approx. 1,500 SQ FT) | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 2 | 6 | - 7 damaged floor tiles outside room 206, 3 significantly damaged in closet area, and Mastic Assumed |
| | Window Frame Caulking | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 3 | 5 | - All windows and framing in classrooms and restrooms have been removed and replaced since last inspection. - No documentation was provided by the District |
| Throughout Building | Window Glazing | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | |
| | Louver Caulking | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | |
| | Expansion Joint Caulk | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 4 | 4 | |
| | Vapor Barriers | TSI SURFACE Misc. | Assumed or Analyzed | F NF-1 NF-2 | G D SD | 1 | 7 | |

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

Building Inspector's Certification No.: 027028-PA and 053975-PA

Assessment: G = Good, D = Damaged, SD = Significantly Damaged

Page 8 of 8

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Building Inspector's Certification No.: 027028-PA and 053975-PA

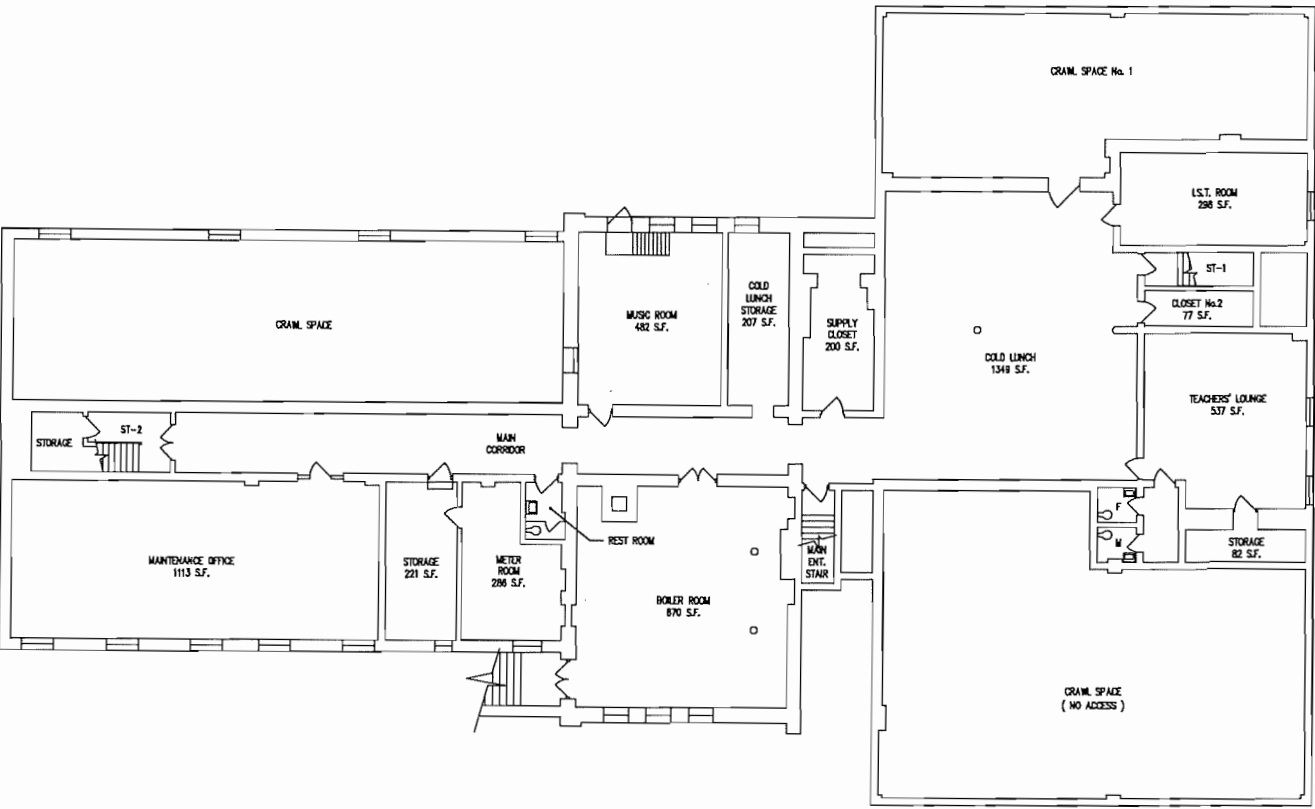
Assessment: G = Good, D = Damaged, SD = Significantly Damaged

Fireability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

ASHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

RESPONSE ACTIONS BASED ON HAZARD RANK

| HAZARD RANK | REMOVAL PRIORITY | AHERA CATEGORIES | RESPONSE ACTIONS REQUIRED BY AHERA |
|--------------------|-------------------------|--|--|
| 7 | 1 | Significantly Damaged | Evacuate or restrict the area if needed. Remove the ACBM (or enclose or encapsulate it if sufficient to contain fibers). Repair of T.S.I. allowed if feasible and safe. O&M required for all ACBM. |
| 6 | 2 | Damaged with Potential for Significant Damaged | Evacuate or restrict the area if needed. Remove, enclose, encapsulate, or repair to correct damage. Take steps to reduce potential for disturbance. O&M required for all ACBM. |
| 5 | 3 | Damaged with Potential for Damage | Remove, enclose, encapsulate, or repair to correct damage. O&M required for all ACBM. |
| 4 | 4 | Damaged with Low Potential for Damage | Remove, enclose, encapsulate, or repair to correct damage. O&M required for all ACBM. |
| 3 | 5 | Good with Potential for Significant Damage | Evacuate or restrict the area if needed. Take steps to reduce potential for disturbance. O&M required for all ACBM. |
| 2 | 6 | Good with Potential For Damage | O&M required for all ACBM. Take steps to reduce potential for damage. |
| 1 | 7 | Good with Low Potential for Disturbance | O&M required for all ACBM |

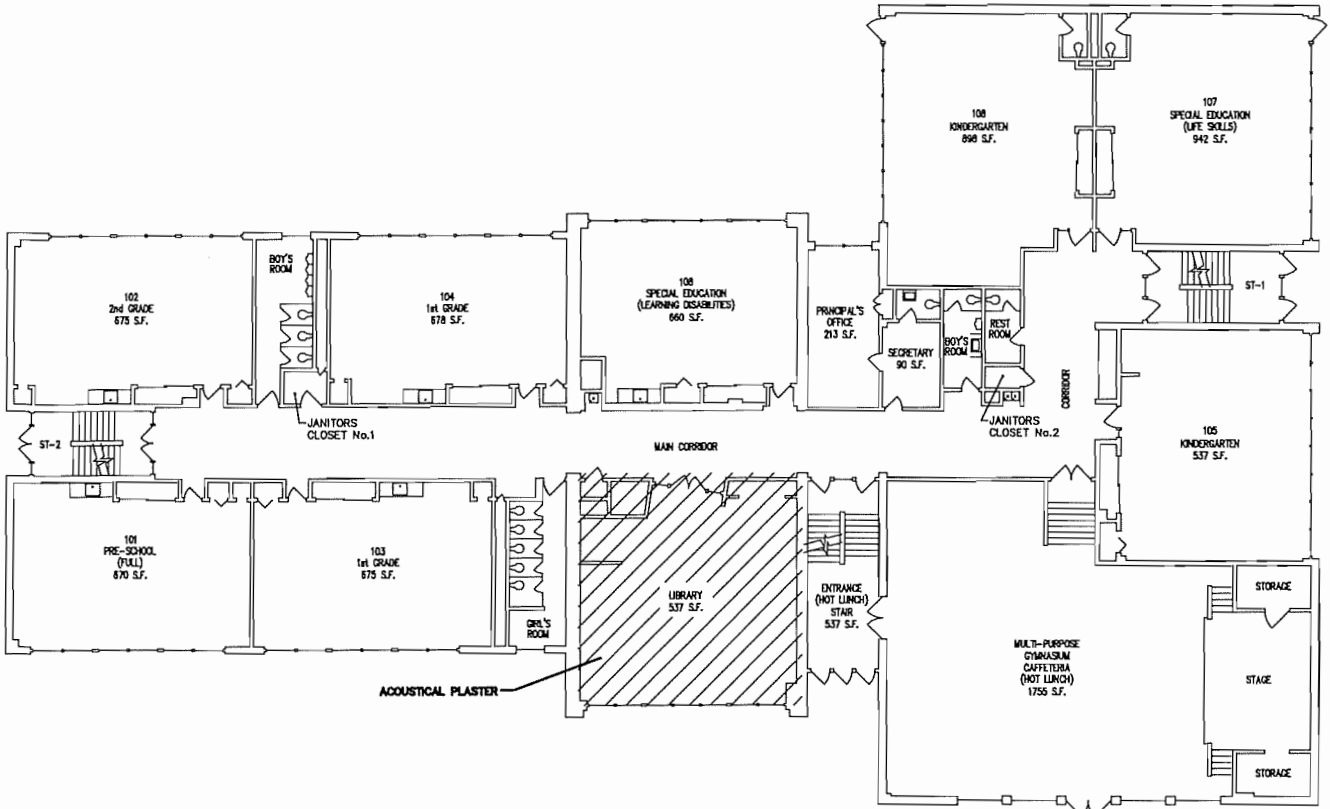


KEY - SURFACING ACM

NO SURFACING ACBM WAS FOUND ON THIS LEVEL

BASEMENT PLAN

NOT TO SCALE



KEY - SURFACING ACM

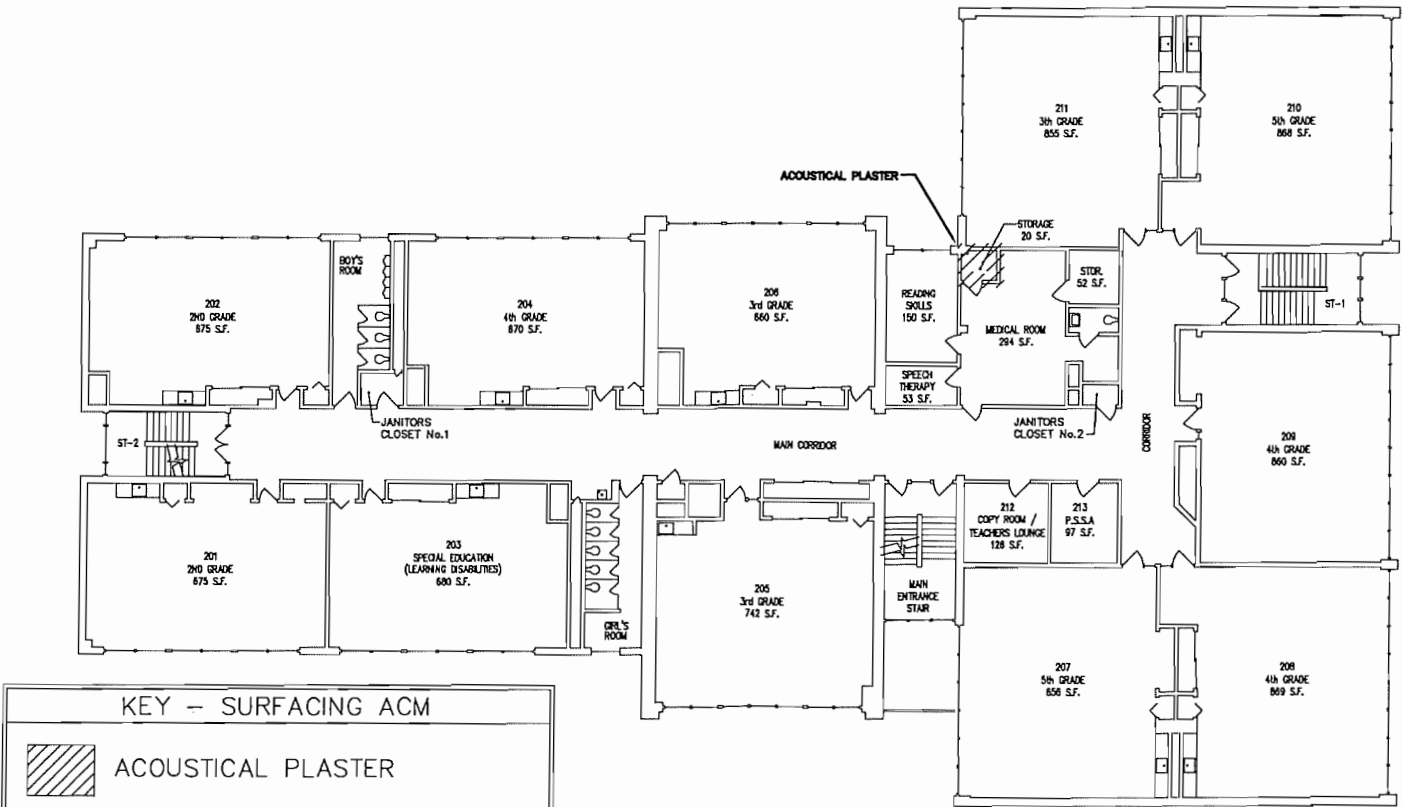
ACOUSTICAL PLASTER

ADDITIONAL ASBESTOS CONTAINING SURFACING MATERIALS:

1. EXTERIOR OF EXISTING SINKS

1ST FLOOR PLAN

NOT TO SCALE



KEY - SURFACING ACM

ACOUSTICAL PLASTER

ADDITIONAL ASBESTOS CONTAINING SURFACING MATERIALS:

1. EXTERIOR OF EXISTING SINKS

2ND FLOOR PLAN

NOT TO SCALE

ACM LOCATIONS: 07-06-2019

Guzek Associates, Inc.
Mechanical, Electrical, Structural,
Environmental, and Architectural
Engineering
401 Davis Street
Clark Summit, NJ 07411
Phone: (970) 586-9700
Fax: (970) 586-6728
E-Mail: guzekassoc@aol.com

DRAWN BY: BMT
CHECKED BY: CN
JOB No.: SSD 19_751
SCALE: AS NOTED
DATE: 08/2019

DWG. TITLE: 2019 ROBERT MORRIS ELEMENTARY SCHOOL FLOOR PLANS

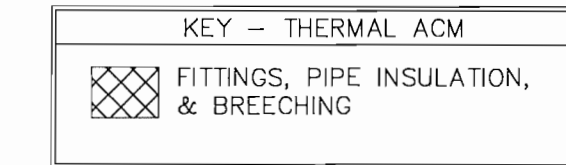
| ISSUED or REVISED | DATE |
|-------------------|------|
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Scranton School District
Scranton School District
425 North Washington Avenue
Scranton, PA 18505

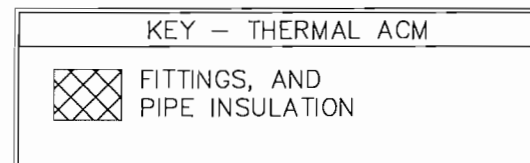
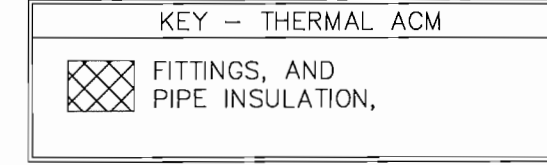
Asbestos Management Plans

DRAWING No.:
A
1

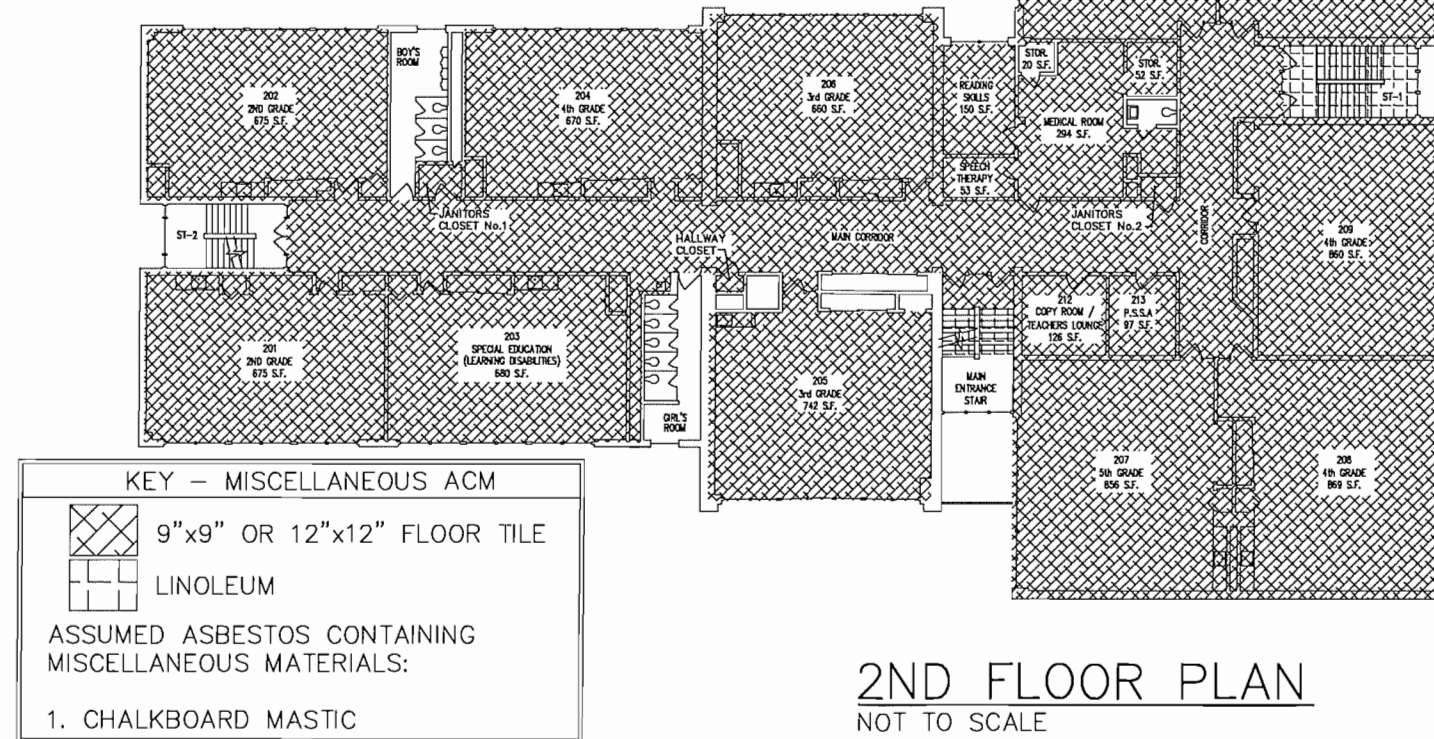
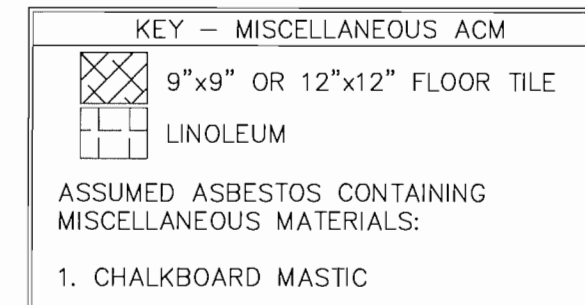
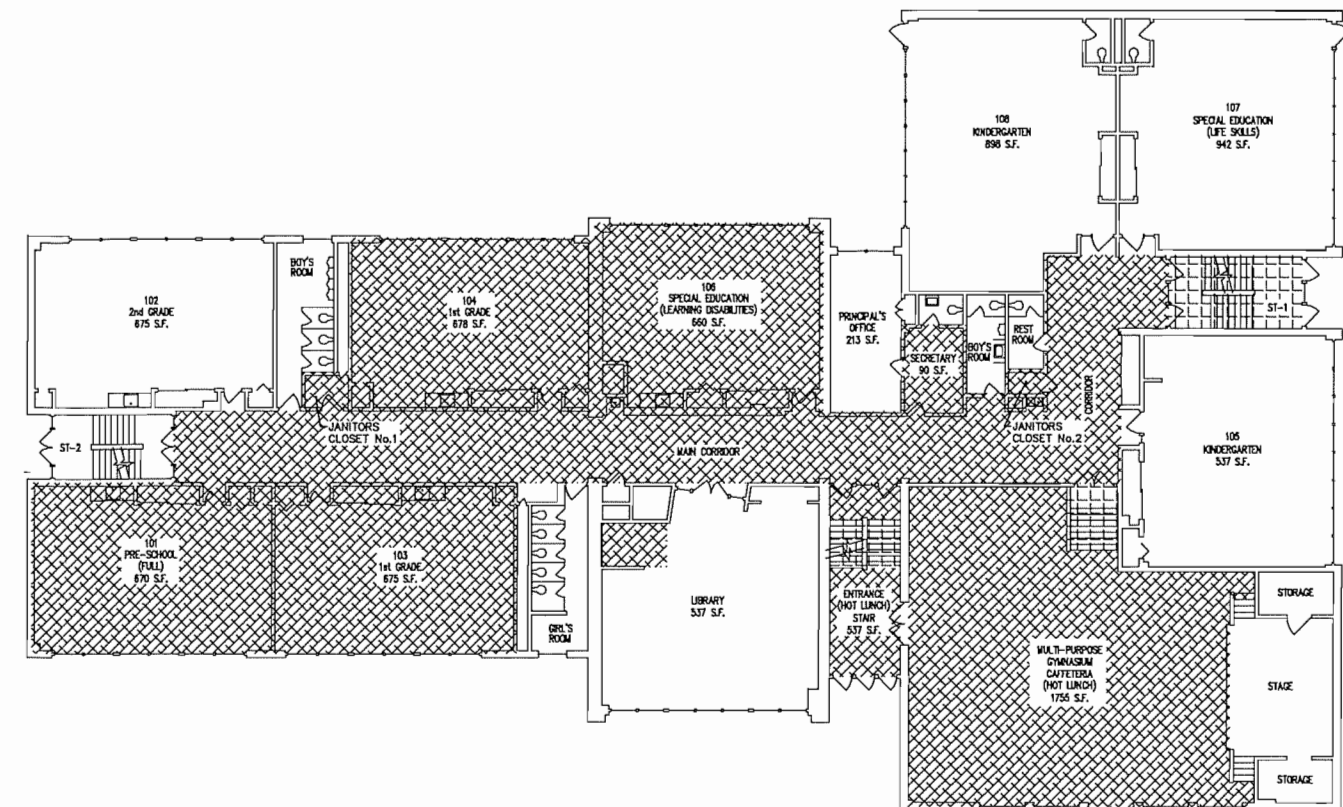
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NOT TO SCALE



NOT TO SCALE



APPENDIX B

**TEST RESULTS FOR SUSPECTED
ASBESTOS-CONTAINING MATERIALS:**

2016 LABORATORY REPORT

2016 CHAIN OF CUSTODY

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077
 Tel/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com/cinnasblab@EMSL.com>

EMSL Order: 041622548

Customer ID: CLAG50

Customer PO:

Project ID:

Attention: Chris Notari

Guzek Associates, Inc.

401 Davis Street

Clarks Summit, PA 18411

Phone: (570) 586-9700

Fax: (570) 586-6728

Received Date: 08/12/2016 9:30 AM

Analysis Date: 08/16/2016 - 08/17/2016

Collected Date: 08/09/2016

Project: SSD 16_751 Robert Morris

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized
 Light Microscopy**

| Sample | Description | Appearance | Non-Asbestos | | Asbestos % Type |
|-----------------------|---|--|--------------------------------|--------------------------|--------------------|
| | | | % Fibrous | % Non-Fibrous | |
| 01W 041622548-0001 | Basement-Storage space under staircase No. 2 landing - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 02B 041622548-0002 | Basement-Storage space under staircase No. 2 landing - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 03 041622548-0003 | Basement-Hallway - Light plaster over wood (single layer) | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 04 041622548-0004 | Basement-Library - 12x12 ceiling tile (spline) | Gray Fibrous Homogeneous | 75% Min. Wool | 25% Non-fibrous (Other) | None Detected |
| 05 041622548-0005 | Basement-Library - 2x2 ceiling tile (striations) | Brown/White Fibrous Homogeneous | 50% Cellulose 30% Min. Wool | 20% Non-fibrous (Other) | None Detected |
| 06 041622548-0006 | Basement-Library - Sink coating | Black Non-Fibrous Homogeneous | | 92% Non-fibrous (Other) | 8% Chrysotile |
| 07 041622548-0007 | Basement-Meter room - Ceiling plaster (single layer) | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 08 041622548-0008 | Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping) | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 09 041622548-0009 | Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping) | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 10 041622548-0010 | Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping) | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 11 041622548-0011 | Basement-Boiler room - Ceiling plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 12 041622548-0012 | Basement-Boiler room - Ceiling plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 13 041622548-0013 | Basement-Storage room B - 12x12 ceiling tile (white with striations) | White Fibrous Homogeneous | 80% Min. Wool | 20% Non-fibrous (Other) | None Detected |
| 14W 041622548-0014 | Basement-Storage room B - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 08/17/2016 07:03:03

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com / cinnaslab@EMSL.com

EMSL Order: 041622548

Customer ID: CLAG50

Customer PO:

Project ID:

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized
Light Microscopy**

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|---------------------------------|--|--|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 15B 041622548-0015 | Basement-Storage room B - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 16 041622548-0016 | Basement-Crawlspac c No. 1 - Parging behind access door on stone foundation wall | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 17W 041622548-0017 | Basement-Closet No. 1 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 18B 041622548-0018 | Basement-Closet No. 1 - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 19 041622548-0019 | 1st floor-Multi-purpose room - 12x12 ceiling tile (popcorn paint) | Gray Fibrous Homogeneous | 80% Min. Wool | 20% Non-fibrous (Other) | None Detected |
| 20W 041622548-0020 | 1st floor-Multi-purpose room (under stage) - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 21B 041622548-0021 | 1st floor-Multi-purpose room (under stage) - Plaster base layer | Brown/Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 22 041622548-0022 | 1st floor-Multi-purpose room - Staircase black linoleum | Black Fibrous Homogeneous | | 94% Non-fibrous (Other) | 6% Chrysotile |
| 23-Floor Tile 041622548-0023 | 1st floor-Main entrance corridor staircase - Staircase black linoleum | Black Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 23-Mastic 041622548-0023A | 1st floor-Main entrance corridor staircase - Staircase black linoleum | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 24W 041622548-0024 | 1st floor-Room 105 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 25B 041622548-0025 | 1st floor-Room 105 - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 26 041622548-0026 | 1st floor-Room 107 - Sink coating | Black Non-Fibrous Homogeneous | | 97% Non-fibrous (Other) | 3% Chrysotile |
| 27 041622548-0027 | 1st floor-Room 108 - Exterior window glazing | Gray Non-Fibrous Homogeneous | | 97% Non-fibrous (Other) | 3% Chrysotile |
| 28W 041622548-0028 | 1st floor-Room 104 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 29B 041622548-0029 | 1st floor-Room 104 - Plaster base layer | Brown/Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 08/17/2016 07:03:03

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 041622548

Customer ID: CLAG50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos % Type |
|--------------------------------|--|--|--------------|--------------------------|--------------------|
| | | | % Fibrous | % Non-Fibrous | |
| 30 041622548-0030 | 1st floor-Boys' room - Exterior window frame caulking | Gray Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 31 041622548-0031 | 1st floor-Room 101 - Exterior window frame caulking | Gray Non-Fibrous Homogeneous | | 97% Non-fibrous (Other) | 3% Chrysotile |
| 32 041622548-0032 | 1st floor-Girls' room - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 33 041622548-0033 | 1st floor-Girls' room - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 34 041622548-0034 | 1st floor-Main corridor - Floor leveler under 12x12 floor tile | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 35 041622548-0035 | 1st floor-Staircase No. 2 - Interior door frame caulking | Various Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 36W 041622548-0036 | 2nd floor-Room 201 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 37B 041622548-0037 | 2nd floor-Room 201 - Plaster base layer | Brown/Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 38W 041622548-0038 | 2nd floor-Room 206 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 39B 041622548-0039 | 2nd floor-Room 206 - Plaster base layer | Brown/Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 40W 041622548-0040 | 2nd floor-Room 207 - Plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 41B 041622548-0041 | 2nd floor-Room 207 - Plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 42 041622548-0042 | 2nd floor-Room 208 - Exterior window frame caulking | Gray Non-Fibrous Homogeneous | | 96% Non-fibrous (Other) | 4% Chrysotile |
| 43 041622548-0043 | 2nd floor-Room 208 - Exterior window glazing | Gray Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 44 041622548-0044 | Exterior of building-Left of main entrance - Joint compound | White Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| Sample appears to be caulking. | | | | | |
| 45 041622548-0045 | Exterior of building-Main entrance door - Door frame caulking | Gray Non-Fibrous Homogeneous | | 96% Non-fibrous (Other) | 4% Chrysotile |
| 46W 041622548-0046 | Exterior of building - Ceiling plaster white layer | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 47B 041622548-0047 | Exterior of building - Ceiling plaster base layer | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Initial report from: 08/17/2016 07:03:03

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 041622548

Customer ID: CLAG50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|----------------------|--|------------------------------------|--------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 48 041622548-0048 | Exterior of building - Louver caulking | White Fibrous Homogeneous | | 92% Non-fibrous (Other) | 8% Chrysotile |
| 49 041622548-0049 | Exterior of building-Basement boiler room - Window frame caulking | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 50 041622548-0050 | Exterior of building-Staircase No. 2 door - Door frame caulking | Gray Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 51 041622548-0051 | Exterior of building-Basement window rear of building - Window glazing | Gray Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |

Analyst(s)

Chelsey Bilhear (23)

Christina Shriver (12)

Felix Anusiem (17)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from: 08/17/2016 07:03:03



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

| Company: Guzek Associates, Inc. | | EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** | |
|---|--------------------|---|--|
| Street: 401 Davis Street | | Third Party Billing requires written authorization from third party | |
| City: Clarks Summit | State/Province: PA | Zip/Postal Code: 18414 | Country: U.S.A. |
| Report To (Name): Chris Notari | | Telephone #: 570-586-9700 | |
| Email Address: guzekassoc@aol.com | | Fax #: 570-586-6728 | Purchase Order: |
| Project Name/Number: SSD 16_751 Robert Morris | | Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email | |
| U.S. State Samples Taken: Pennsylvania | | CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt | |
| Turnaround Time (TAT) Options* - Please Check | | | |
| <input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input checked="" type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week | | | |
| *For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. | | | |
| PLM - Bulk (reporting limit) | | TEM - Bulk | |
| <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) | | <input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 | |
| <input type="checkbox"/> PLM EPA NOB (<1%) | | <input type="checkbox"/> NY ELAP Method 198.4 (TEM) | |
| Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) | | <input type="checkbox"/> Chatfield Protocol (semi-quantitative) | |
| Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) | | <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 | |
| <input type="checkbox"/> NIOSH 9002 (<1%) | | <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique | |
| <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) | | <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique | |
| <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) | | Other | |
| <input type="checkbox"/> OSHA ID-191 Modified | | <input type="checkbox"/> | |
| <input type="checkbox"/> Standard Addition Method | | | |
| <input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group | | Date Sampled: 08-09-2016 | |
| Samplers Name: Chris Notari / Brent Tripp | | Samplers Signature: <i>Brent Tripp</i> | |
| Sample # | HA # | Sample Location | Material Description |
| 01 W | | Basement - Storage Space Under Staircase No. 2 Landing | Plaster White Layer |
| 02 B | | Basement - Storage Space Under Staircase No. 2 Landing | Plaster Base Layer |
| 03 | | Basement - Hallway | Light Plaster Over Wood (Single Layer) |
| 04 | | Basement - Library | 12"x12" Ceiling Tile (Spline) |
| 05 | | Basement - Library | 2'x2' Ceiling Tile (Striations) |
| 06 | | Basement - Library | Sink Coating |
| 07 | | Basement - Meter Room | Ceiling Plaster (Single Layer) |
| 08 | | Basement - Boiler Room | Mastic on Fiberglass Ends (4" boiler piping) |
| 09 | | Basement - Boiler Room | Mastic on Fiberglass Ends (4" boiler piping) |
| 10 | | Basement - Boiler Room | Mastic on Fiberglass Ends (4" boiler piping) |
| Client Sample # (s): | | Total # of Samples: Fifty-one (51) | |
| Relinquished (Client): <i>Brent Tripp</i> | | Date: 08-10-2016 | Time: 10:00 AM |
| Received (Lab): <i>AD EMSL FX</i> | | Date: 8-12-2016 | Time: 9:30 AM |
| Comments/Special Instructions: | | | |



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

| Sample # | HA # | Sample Location | Material Description |
|---------------------------------|------|--|---|
| 11 W | | Basement - Boiler Room | Ceiling Plaster White Layer |
| 12 B | | Basement - Boiler Room | Ceiling Plaster Base Layer |
| 13 | | Basement - Storage Room "B" | 12"x12" Ceiling Tile (White with Striations) |
| 14 W | | Basement - Storage Room "B" | Plaster White Layer |
| 15 B | | Basement - Storage Room "B" | Plaster Base Layer |
| 16 | | Basement - Crawl Space No. 1 | Parging Behind Access Door on Stone Foundation Wall |
| 17 W | | Basement - Closet No. 1 | Plaster White Layer |
| 18 B | | Basement - Closet No. 1 | Plaster Base Layer |
| 19 | | 1st Floor - Multi-Purpose Room | 12"x12" Ceiling Tile (Popcorn Paint) |
| 20 W | | 1st Floor - Multi-Purpose Room (Under Stage) | Plaster White Layer |
| 21 B | | 1st Floor - Multi-Purpose Room (Under Stage) | Plaster Base Layer |
| 22 | | 1st Floor - Multi-Purpose Room | Staircase Black Linoleum |
| 23 | | 1st Floor - Main Entrance Corridor Staircase | Staircase Black Linoleum |
| 24 W | | 1st Floor - Room 105 | Plaster White Layer |
| 25 B | | 1st Floor - Room 105 | Plaster Base Layer |
| 26 | | 1st Floor - Room 107 | Sink Coating |
| 27 | | 1st Floor - Room 108 | Exterior Window Glazing |
| 28 W | | 1st Floor - Room 104 | Plaster White Layer |
| 29 B | | 1st Floor - Room 104 | Plaster Base Layer |
| 30 | | 1st Floor - Boys Room | Exterior Window Frame Caulking |
| 31 | | 1st Floor - Room 101 | Interior Window Frame Caulking |
| 32 W | | 1st Floor - Girls Room | Plaster White Layer |
| 33 B | | 1st Floor - Girls Room | Plaster Base Layer |
| 34 | | 1st Floor - Main Corridor | Floor Leveler Under 12"x12" Floor Tile |
| *Comments/Special Instructions: | | | |

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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

| Sample # | HA # | Sample Location | Material Description |
|---------------------------------|------|---|--------------------------------|
| 35 | | 1st Floor - Staircase No. 2 | Interior Door Frame Caulking |
| 36 W | | 2nd Floor - Room 201 | Plaster White Layer |
| 37 B | | 2nd Floor - Room 201 | Plaster Base Layer |
| 38 W | | 2nd Floor - Room 206 | Plaster White Layer |
| 39 B | | 2nd Floor - Room 206 | Plaster Base Layer |
| 40 W | | 2nd Floor - Room 207 | Plaster White Layer |
| 41 B | | 2nd Floor - Room 207 | Plaster Base Layer |
| 42 | | 2nd Floor - Room 208 | Exterior Window Frame Caulking |
| 43 | | 2nd Floor - Room 208 | Exterior Window Glazing |
| 44 | | Exterior Of Building - Left of Main Entrance | Joint Compound |
| 45 | | Exterior Of Building - Main Entrance Door | Door Frame Caulking |
| 46 W | | Exterior Of Building | Ceiling Plaster White Layer |
| 47 B | | Exterior Of Building | Ceiling Plaster Base Layer |
| 48 | | Exterior Of Building | Louver Caulking |
| 49 | | Exterior Of Building - Basement Boiler Room | Window Frame Caulking |
| 50 | | Exterior Of Building - Staircase No. 2 Door | Door Frame Caulking |
| 51 | | Exterior Of Building - Basement Window Rear of Building | Window Glazing |
| | | | |
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| | | | |
| *Comments/Special Instructions: | | | |

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 16 AUG 12 AM 11:19

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041509599
 CustomerID: CLAG50
 CustomerPO: 033115
 ProjectID:

Attn: **Joseph Guzek**
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Phone: (570) 586-9700
 Fax: (570) 586-6728
 Received: 04/02/15 9:30 AM
 Analysis Date: 4/6/2015
 Collected: 3/31/2015

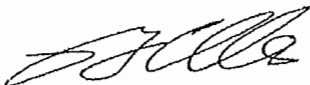
Project: SSD Morris

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-------------------------|---|---|--------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 001T 041509599-0001 | Base - Under Steps - 9"x9" FT White W/Green | White/Green Non-Fibrous Homogeneous | | 95% Non-fibrous (other) | 5% Chrysotile |
| 002M 041509599-0002 | Base - Under Steps - 9"x9" FT Mastic | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |
| 003T 041509599-0003 | Base - Under Steps - 9"x9" FT White W/Green | White/Green Non-Fibrous Homogeneous | | 94% Non-fibrous (other) | 6% Chrysotile |
| 004M 041509599-0004 | Base - Hall - 9"x9" FT Mastic | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |
| 005 I 041509599-0005 | Base - Hall - 9"x9" FT Brown | Brown Non-Fibrous Homogeneous | | 98% Non-fibrous (other) | 4% Chrysotile |
| 006M 041509599-0006 | Base - Hall - 9"x9" FT Mastic | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |
| 007T 041509599-0007 | Base - Hall - 9"x9" FT Brown | Brown Non-Fibrous Homogeneous | | 97% Non-fibrous (other) | 3% Chrysotile |
| 008M 041509599-0008 | Base - Hall - 9"x9" FT Mastic | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |

Analyst(s)

Frank DiCrescenzo (6)
 Matthew Carralero (4)


 Benjamin Ellis, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# G0-00307

Initial report from 04/06/2015 14:32:24

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order: 041509599

CustomerID: CLAG50

CustomerPO: 033115

ProjectID:

Attn: **Joseph Guzek**
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Phone: (570) 586-9700
 Fax: (570) 586-6728
 Received: 04/02/15 9:30 AM
 Analysis Date: 4/6/2015
 Collected: 3/31/2015

Project: SSD Morris

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------|----------------------------------|-------------------------------------|--------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| 009T 041509599-0009 | Base - Hall - 9"x9" FT White | White Non-Fibrous Homogeneous | | 96% Non-fibrous (other) | 4% Chrysotile |
| 010M 041509599-0010 | Base - Hall - 9"x9" FT Mastlc | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (other) | None Detected |

Analyst(s)

Frank Dicrescenzo (6)

Matthew Carralero (4)

Benjamin Ellis, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DFP 03036, PAID# 68-00367

Initial report from 04/06/2015 14:32:24

Order ID: 041509599

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAININGAsbestos Chain of Custody
EMSL Order Number (Lab Use Only).

041509599

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

| | | | |
|---------------------------------------|------------------------|---|---------------------|
| Company Name : Guzek Associates, Inc. | | EMSL Customer ID: | |
| Street: 401 Davis Street | | City: Clarks Summit | State/Province: PA |
| Zip/Postal Code: 18411 | Country: United States | Telephone #: 5705869700 | Fax #: 570-586-6728 |
| Report To (Name): JOSEPH GUZEK | | Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email | |
| Email Address: guzekassoc@aol.com | | Purchase Order: 033115 | |
| Project Name/Number: SSDMorris | | EMSL Project ID (Internal Use Only): | |
| U.S. State Samples Taken: PA | | CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt | |

EMSL-Bill to: ☒ Same ☐ Different - If Bill to is Different note Instructions in Comments**

Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

| | | |
|---|---|--|
| PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%) | TEM - Air <input checked="" type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking | TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/3-93/167) Soil/Rock/Vermiculite* <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.4% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.4% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.91% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique *Can not accept New York State Loose Fill Vermiculite Samples Other: <input type="checkbox"/> |
|---|---|--|

☒ Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): ☒ 0.8µm ☐ 0.45µm

Samplers Name: Chris Notari

Samplers Signature:

| Sample # | Sample Description | Volume/Area (Air) HA # (Bulk) | Date/Time Sampled |
|----------|--|----------------------------------|----------------------|
| 001T | Base. - Under steps - 9"x9" FT White w/Green | Bulk | 4pm 3/31/15 |
| 002M | Base. - Under steps - 9"x9" FT mastic | Bulk | 4pm 3/31/15 |
| 003T | Base. - Under steps - 9"x9" FT White w/Green | Bulk | 4pm 3/31/15 |
| 004M | Base. - Hall 9"x9" FT mastic | Bulk | 4pm 3/31/15 |
| 005T | Base. - Hall 9"x9" FT Brown | Bulk | 4pm 3/31/15 |
| 006M | Base. - Hall 9"x9" FT mastic | Bulk | 4pm 3/31/15 |
| 007T | Base. - Hall 9"x9" FT Brown | Bulk | 4pm 3/31/15 |

Client Sample # (s): 001 - 010 Total # of Samples: 10

Relinquished (Client): *[Signature]* Date: 4/1/15 Time:Received (Lab): *BB* *emsl* Date: 4-2-15 Time: 930

Comments/Special Instructions:

For Mastic only - stop at first positive result

10SH



EMSL ANALYTICAL, INC.
LABORATORY • INSTRUMENTS • TRAINING

EMSL Order Number (Lab Use Only).

041509549

PHONE 1-800-220-3675
FAX (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

CHRISTIANSON, NU
15 APR -2 AM 11:20